



FEE TRANSMITTAL for FY 2004

Effective 01/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

Complete if Known

Application Number	10/666,662
Filing Date	September 18, 2003
First Named Inventor	Vikas C. Raykar
Examiner Name	Not Yet Assigned
Art Unit	1775
Attorney Docket No.	42P17496

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☒ None
☐ Deposit Account

Deposit
Account
Number

02-2666

Deposit
Account
Name

Blakely, Sokoloff, Taylor & Zafman LLP

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments
☐ Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	0
1002	340	2002	170	Design filing fee	0
1003	530	2003	265	Plant filing fee	0
1004	770	2004	385	Reissue filing fee	0
1005	160	2005	80	Provisional filing fee	0
SUBTOTAL (1)					0

2. EXTRA CLAIM FEES

Total Claims - 20** = X =
Independent Claims - 3 = X =
Multiple Dependent =

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple Dependent claim, if not paid	
1204	86	2204	43	**Reissue independent claims over original patent	
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					0

**or number previously paid, if greater, For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
2053	130	2053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	1,210	2255	605	Extension for reply within fifth month	
1404	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

James H. Salter

Registration No.
(Attorney/Agent)

35,668

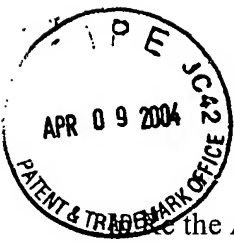
Telephone

(408) 720-8300

Signature

Date

4/7/04



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of:

VIKAS C. RAYKAR, ET AL.

Application No.: 10/666,662

Filed: September 18, 2003

For: **Method For Three-Dimensional Position Calibration
Of Audio Sensors And Actuators On A Distributed
Computing Platform**

Art Group: 1775

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted before the mailing of a first Office Action. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

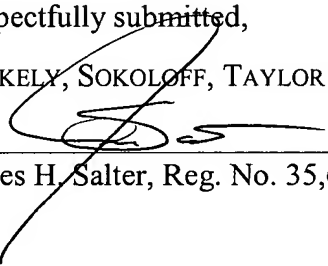
The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: 4/7/04


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I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Claire Wallters 4/7/2004
Claire Wallters Date



Substantive Examination 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Sheet 1 of 1

Complete if Known

Application Number	10/666,662
Filing Date	September 18, 2003
First Named Inventor	Vikas C. Raykar
Art Unit	1775
Examiner Name	Not Yet Assigned
Attorney Docket Number	42P17496

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		BULUSU, NIRUPAMA, ET AL., Scalable Coordination for Wireless Sensor Networks: Self-Configuring Localization Systems, Proceedings of the 6th International Symposium on Communication Theory and Applications (ISCTA '01), Ambleside, Lake District, UK, July 2001, 6 pages.	
		GIROD, LEWIS, ET AL., Locating tiny sensors in time and space: A case study, Proceedings of the 2002 IEEE International Conference on Computer Design: VLSI in Computers and Processors (ICCD '02), Freiburg, Germany, September 16-18 2002, 6 pages.	
		MOSES, RANDOLPH L., ET AL., A Self-Localization Method for Wireless Sensor Networks, EURASIP Journal on Applied Signal Processing 2003-4, © 2003 Hindawai Publishing Corporation, pgs. 348-358.	
		RAYKAR, VIKAS C., ET AL., Self Localization of acoustic sensors and actuators on Distributed platforms, Proceedings. 2003 International Workshop on Multimedia Technologies in E-Learning and Collaboration, Nice, France, October 2003, 8 pages.	
		SACHAR, JOSHUA M., ET AL., Position Calibration Of Large-Aperture Microphone Arrays, 2002 IEEE International Conference on Acoustics, Speech, and Signal Processing, Volume 2, 2002, pgs. 1797-1800.	
		SAVVIDES, ANDREAS, ET AL., Dynamic Fine-Grained Localization in Ad-Hoc Networks of Sensors, in the proceedings of the International Conference on Mobile Computing and Networking (MobiCom) 2001, Rome, Italy, July 2001, pgs. 166-179.	

Examiner Signature	Date Considered
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*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

†Applicant's unique citation designation number. ‡Applicant is to place a check mark here if English language Translation is attached.

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.
Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450